



KOREAN PATENT ABSTRACTS(KR)

Document Code:A

(11) Publication No.1020000038797 (43) Publication Date. 20000705

(21) Application No.1019980053911 (22) Application Date. 19981209

(51) IPC Code:

F16K 25/00

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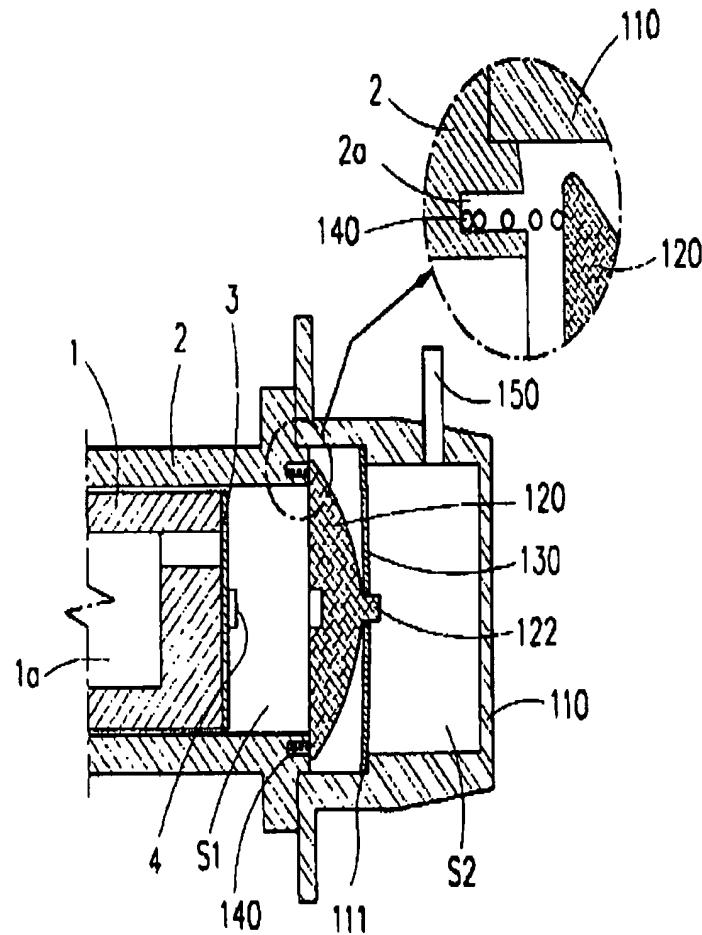
KWON, BYEONG HA

(30) Priority:

(54) Title of Invention

DAMPER FOR DISCHARGE VALVE ASSEMBLY

Representative drawing



(57) Abstract:

PURPOSE: A damper for a discharge valve assembly is provided to minimize noise and vibration in returning a discharge valve to a cylinder.

CONSTITUTION: Refrigerant gas is introduced into a compressing space(S1) by opening a suction valve(3) through the backward movement of a piston(1). The refrigerant gas is compressed by the piston and then introduced into a discharge space(S2) of a cover(110). The compressing space has relatively lower pressure than the discharge one in the backward movement of the piston. Thus, the discharge valve returns to a cylinder(2) with a valve spring(130) to divide the two spaces. In a process of returning the discharge valve to the cylinder, a valve spring(140) pushes the discharge valve, but has smaller rigidity than the other valve spring(130). Therefore, the discharge valve is placed on the front end of the cylinder stably.

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